

Storm Data and Unusual Weather Phenomena - January 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, North				
(TX-Z118) TARRANT, (TX-Z119) DALLAS, (TX-Z158) BELL				
	01/04/10 20:30 CST		40K	Frost/Freeze
	01/11/10 09:30 CST		0	
Overnight and morning temperatures in the 10s and 20s during the first twelve days of the month (well below normal for January) resulted in some impacts on roadways due to water freezing on the roads and scattered damage to buildings due to frozen water pipes that burst during the daytime hours. One police officer in Richardson sustained minor injuries after his patrol car hit a patch of ice and flipped.				
(TX-Z092) COOKE, (TX-Z101) JACK, (TX-Z102) WISE, (TX-Z118) TARRANT, (TX-Z119) DALLAS, (TX-Z133) JOHNSON, (TX-Z134) ELLIS, (TX-Z145) HILL				
	01/07/10 02:14 CST		1.60M	Winter Weather
	01/07/10 07:00 CST		0	
As a cold front moved across North Texas, a short period of freezing drizzle and light freezing rain along the cold front caused icy roads in parts of north Texas. The icy roads were enough to cause numerous accidents; affecting the early morning commute. Up to 50 people were injured from accidents, but all the injuries were reported as minor.				
KAUFMAN COUNTY --- FORNEY [32.75, -96.47]				
	01/20/10 16:45 CST		10K	Hail (1.75 in)
	01/20/10 16:45 CST		0	Source: Public
Golfball size hail fell in the city of Forney.				
HUNT COUNTY --- 0.8 NNW QUINLAN [32.91, -96.13]				
	01/20/10 16:59 CST		0	Hail (1.00 in)
	01/20/10 16:59 CST		0	Source: Trained Spotter
Quarter size hail fell in the city of Quinlan.				
VAN ZANDT COUNTY --- 2.6 ENE SCOTT [32.62, -95.98]				
	01/20/10 17:00 CST		0	Hail (1.25 in)
	01/20/10 17:00 CST		0	Source: Trained Spotter
Half-dollar size hail fell along Interstate 20 at exit 519 west of the city of Canton.				
VAN ZANDT COUNTY --- 2.4 NNW MYRTLE SPGS [32.63, -95.95]				
	01/20/10 17:08 CST		0	Hail (1.00 in)
	01/20/10 17:10 CST		0	Source: Trained Spotter
Penny to quarter size hail fell along Highway 64 west of Myrtle Springs.				
VAN ZANDT COUNTY --- 0.6 SSW CANTON VAN ZANDT ARP [32.57, -95.87], 2.2 SW SILVER LAKE [32.65, -95.63]				
	01/20/10 17:19 CST		1M	Tornado (EF2, L: 15.17 mi , W: 100 yd)
	01/20/10 17:45 CST		0	Source: NWS Storm Survey
A NWS survey team found evidence of a long track tornado in Van Zandt County. The tornado touched down near CR 859 north of Highway 64 on the northwest side of Canton and traveled approximately 15 miles in a northeast direction. Numerous structures were damaged along the track of the tornado which ended near the Silver Lake community in the extreme Northeast corner of the county. Along the damage path, a single family home lost its entire roof and part of its exterior walls. A number of large trees were uprooted and several sheds and outbuildings suffered extensive damage. A small church was destroyed in the community of Starr. A total of 150 homes suffered damage, but only one injury was reported. Based on the damage, the tornado was rated an EF-2 with peak winds in the 110 to 120 mph range.				
HUNT COUNTY --- 3.0 S LONE OAK [32.96, -95.93]				
	01/20/10 17:40 CST		1K	Thunderstorm Wind (EG 50 kt)
	01/20/10 17:40 CST		0	Source: Newspaper
One power pole was knocked down south of the town of Lone Oak.				

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VAN ZANDT COUNTY --- 0.7 ENE GRAND SALINE [32.67, -95.71]				
	01/20/10 17:43 CST		0	Hail (1.00 in)
	01/20/10 17:43 CST		0	Source: Trained Spotter
Quarter size hail fell in the city of Grand Saline.				
HENDERSON COUNTY --- CROSS RDS [32.05, -95.97]				
	01/20/10 17:50 CST		0	Hail (1.00 in)
	01/20/10 17:50 CST		0	Source: Law Enforcement
Quarter size hail fell in the town of Crossroads.				
ANDERSON COUNTY --- 1.7 NNE BRADFORD [32.00, -95.76]				
	01/20/10 18:05 CST		30K	Thunderstorm Wind (EG 55 kt)
	01/20/10 18:05 CST		0	Source: Newspaper
A large tree fell on top of a residence and three tractors and three pickups parked outside also were damaged. Another residence suffered damage to its tin roof and lost siding off the side of the house.				
HOPKINS COUNTY --- 2.2 NNW GREENVIEW [33.06, -95.74]				
	01/20/10 18:05 CST		0	Hail (1.00 in)
	01/20/10 18:05 CST		0	Source: Law Enforcement
Quarter size hail fell on County Road 1116 five miles southwest of Sulphur Springs.				
LAMAR COUNTY --- TIGERTOWN [33.72, -95.80]				
	01/20/10 18:15 CST		5K	Hail (1.75 in)
	01/20/10 18:15 CST		0	Source: Newspaper
Quarter to golfball size hail fell in the town of Tigertown.				
HENDERSON COUNTY --- 3.9 S LARUE [32.06, -95.69], 3.3 S LARUE [32.07, -95.68]				
	01/20/10 18:20 CST		30K	Tornado (EF2, L: 0.90 mi , W: 200 yd)
	01/20/10 18:22 CST		0	Source: NWS Storm Survey
A NWS Storm Survey concluded a tornado touched down about 3 miles south of the town of Larue and tracked northeast for about a mile. A total of seven homes were damaged, and the exterior walls collapsed on some structures. The Larue Church of Christ suffered extensive damage. This tornado was rated an EF-2 with estimated maximum winds around 130 mph.				
HOPKINS COUNTY --- 1.6 NNE GREENVIEW [33.05, -95.71], 1.4 ENE SHIRLEY [33.07, -95.66]				
	01/20/10 18:22 CST		0.10M	Tornado (EF0, L: 5.42 mi , W: 50 yd)
	01/20/10 18:29 CST		0	Source: NWS Storm Survey
A NWS Storm Survey found evidence of a tornado touchdown approximately 4 miles southwest of Sulphur Springs and tracked approximately 5.5 miles to the northeast. One mobile home was destroyed resulting in two injuries. A pre-fabricated metal building on Highway 19 south of County Road 174 suffered considerable damage. The damage was consistent with the upper end of the EF-0 rating with wind speeds estimated near 80 mph.				
HENDERSON COUNTY --- 1.8 WNW PAYNOR [32.09, -95.63], 1.8 N POYNOR [32.11, -95.59]				
	01/20/10 18:23 CST		75K	Tornado (EF1, L: 3.00 mi , W: 100 yd)
	01/20/10 18:28 CST		0	Source: NWS Storm Survey
A NWS Storm Survey concluded that an EF-1 tornado with maximum estimated wind speeds of 90 to 100 mph touched down near Poyner and tracked 3 miles to the northeast toward Coffee City. A mobile home was dislodged and a wood framed home had significant damage. Tree damage was also noted along a three mile path with an average width of 100 yards.				
HOPKINS COUNTY --- 2.3 NE SULPHUR SPGS MUNI AR [33.17, -95.59]				
	01/20/10 18:30 CST		5K	Thunderstorm Wind (EG 50 kt)
	01/20/10 18:30 CST		0	Source: Emergency Manager
Power poles and large trees were damaged at the intersection of Highway 19 and Highway 154 on the north side of Sulphur Springs.				
HOPKINS COUNTY --- 1.5 SSE SULPHUR SPGS [33.11, -95.59]				

Storm Data and Unusual Weather Phenomena - January 2010

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	01/20/10 18:32 CST		5K	Thunderstorm Wind (EG 55 kt)
	01/20/10 18:32 CST		0	Source: Emergency Manager

A roof was caved in, a truck was overturned, and debris was noted on Irwin Rd between Drexel Drive and Hines Drive in Sulphur Springs.

HOPKINS COUNTY --- 2.3 E SULPHUR SPGS [33.13, -95.56], 3.2 ENE SULPHUR SPGS [33.15, -95.55]

01/20/10 18:35 CST	0.75M	Tornado (EF0, L: 1.35 mi , W: 50 yd)
01/20/10 18:40 CST	0	Source: NWS Storm Survey

A NWS storm survey found evidence of a tornado in a sub-division 2 miles east of Sulphur Springs. Around 50 homes suffered some degree of roof damage, two of which sustained more severe damage after being impaled by large tree branches. This damage was consistent with the rating of an EF-0 with wind speeds around 80 to 85 mph.

HOPKINS COUNTY --- 1.6 NW BRINKER [33.15, -95.50]

01/20/10 18:41 CST	20K	Thunderstorm Wind (EG 50 kt)
01/20/10 18:41 CST	0	Source: Law Enforcement

Two tractor trailers were overturned on Interstate 30 at mile marker 131.

LAMAR COUNTY --- 1.8 NW DEPORT [33.54, -95.34]

01/20/10 19:15 CST	0	Hail (1.00 in)
01/20/10 19:15 CST	0	Source: Post Office

Quarter size hail was reported in the town of Deport.

Severe storms developed in an area of strong low-level lift ahead of an approaching upper level low pressure system and a slowly advancing cold front. Severe weather reports were limited to east of Interstate 35, and five tornadoes were confirmed in Henderson, Van Zandt, and Hopkins counties. Two tornadoes were rated EF-2s, one was rated an EF-1, and the remaining two were EF-0s. The Van Zandt County tornado was a long track tornado that traveled over 15 miles.

EASTLAND COUNTY --- 1.7 W CHUCKVILLE [32.10, -98.93]

01/28/10 13:15 CST	20K	Thunderstorm Wind (EG 55 kt)
01/28/10 13:15 CST	0	Source: Newspaper

The roof of a barn was torn off and a large tree was uprooted. Several structures also suffered minor damage.

EASTLAND COUNTY --- CARBON [32.27, -98.83]

01/28/10 13:26 CST	0	Thunderstorm Wind (EG 52 kt)
01/28/10 13:26 CST	0	Source: Law Enforcement

A wind gust of 60 mph was estimated in the town of Carbon. Dime size hail was also reported.

EASTLAND COUNTY --- 0.7 N GORMAN ARPT [32.21, -98.67]

01/28/10 13:35 CST	5K	Thunderstorm Wind (EG 50 kt)
01/28/10 13:35 CST	0	Source: Public

An awning was blown off a building in downtown Gorman. Large tree limbs and a stop sign were also blown down.

STEPHENS COUNTY --- 1.4 W BRECKENRIDGE [32.75, -98.92], 1.0 E BRECKENRIDGE [32.75, -98.88], 1.4 NE BRECKENRIDGE [32.77, -98.89], 1.9 NW BRECKENRIDGE [32.77, -98.92]

01/28/10 13:45 CST	0	Flash Flood (due to Heavy Rain)
01/28/10 14:30 CST	0	Source: Newspaper

Numerous streets were flooded in the city of Breckenridge after 3 to 4 inches of rain fell in 2 to 3 hours.

COMANCHE COUNTY --- DE LEON [32.12, -98.55]

01/28/10 13:47 CST	0	Thunderstorm Wind (EG 52 kt)
01/28/10 13:47 CST	0	Source: Law Enforcement

A wind gust was estimated to be 60 mph. Dime size hail was also reported.

ERATH COUNTY --- 1.4 SW STEPHENVILLE [32.21, -98.21]

Storm Data and Unusual Weather Phenomena - January 2010

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	01/28/10 14:10 CST		25K	Thunderstorm Wind (EG 57 kt)
	01/28/10 14:10 CST		0	Source: Trained Spotter

Part of the roof of the physical plant at Tarelton State University came off.

ERATH COUNTY --- STEPHENVILLE [32.23, -98.20]

01/28/10 14:10 CST	0	Thunderstorm Wind (MG 57 kt)
01/28/10 14:10 CST	0	Source: Trained Spotter

A trained spotter measured a 66 mph wind gust in the city of Stephenville.

ERATH COUNTY --- STEPHENVILLE [32.23, -98.20]

01/28/10 14:10 CST	50K	Thunderstorm Wind (EG 57 kt)
01/28/10 14:10 CST	0	Source: Amateur Radio

Fairly widespread damage was reported in the city of Stephenville with many 4" to 6" tree limbs down, roofs damaged, and fences blown down.

ERATH COUNTY --- 6.0 SW BLUFF DALE [32.29, -98.09]

01/28/10 14:20 CST	0	Thunderstorm Wind (EG 52 kt)
01/28/10 14:20 CST	0	Source: Trained Spotter

A 60 mph wind gust was estimated by a trained spotter.

JOHNSON COUNTY --- 1.6 E WEATHERFORD JCT [32.38, -97.39]

01/28/10 15:18 CST	0	Thunderstorm Wind (MG 54 kt)
01/28/10 15:18 CST	0	Source: Trained Spotter

A trained spotter measured a 62 mph wind gust at the intersection of Highway 174 and Highway 67.

CORYELL COUNTY --- 1.5 NE PURMELA [31.49, -97.95], 0.7 N ATER [31.53, -97.87], 2.3 WNW GATESVLL MOCCASIN AR [31.50, -97.83], 1.7 ESE PECAN GROVE [31.39, -97.57], 0.7 S FLAT [31.31, -97.63], 3.2 W GATESVILLE ARPT [31.42, -97.85]

01/28/10 20:55 CST	10K	Flash Flood (due to Heavy Rain)
01/28/10 23:00 CST	0	Source: Emergency Manager

Numerous county roads and city streets were closed due to high water. A culvert on Plum Creek, north of the town of Purmela, was washed out. Most low water crossings in the county were also closed due to the flooding.

LAMPASAS COUNTY --- 1.0 SSW LAMPASAS [31.06, -98.19], 1.2 SSW LAMPASAS [31.05, -98.19], 1.2 S LAMPASAS [31.05, -98.18], 0.8 S LAMPASAS [31.06, -98.18]

01/28/10 20:55 CST	0	Flash Flood (due to Heavy Rain)
01/28/10 23:00 CST	0	Source: Law Enforcement

Roads were barricaded around Sulphur Creek due to a rapid rise in water.

CORYELL COUNTY --- 7.0 NW BEE HOUSE [31.46, -98.18], 2.0 SSE COPPERAS COVE [31.10, -97.91], 1.1 S EAGLE SPGS [31.33, -97.48], 6.9 NNE TURNERSVILLE [31.71, -97.69]

01/28/10 23:00 CST	0	Flood (due to Heavy Rain)
01/29/10 13:00 CST	0	Source: Law Enforcement

Numerous roads throughout the county remained closed due to flooding well after the heavy rain had ended.

LAMPASAS COUNTY --- 8.9 NE MOLINE [31.47, -98.22], 3.4 NE KEMPNER [31.11, -97.96], 4.8 WSW LAMPASAS [31.04, -98.26], 4.9 ENE ANTELOPE GAP [31.35, -98.41]

01/28/10 23:00 CST	0	Flood (due to Heavy Rain)
01/29/10 09:00 CST	0	Source: Law Enforcement

Numerous roads in the northern and eastern parts of the county remained closed due to flooding well after the heavy rain had ended.

HUNT COUNTY --- 3.3 NNW LANE [33.35, -96.29], 3.2 ESE MUDDIG [33.38, -95.87], 3.5 ESE LONE OAK [32.99, -95.87], 1.5 SSW LONE OAK [32.98, -95.94], 3.4 E LAKE TAWAKONI [32.89, -95.99], 5.1 ESE LAKE TAWAKONI [32.85, -95.97], 5.4 SSW UNION VLY [32.85, -96.29]

01/29/10 11:41 CST	0	Flood (due to Heavy Rain)
01/29/10 14:30 CST	0	Source: Newspaper

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Several roads throughout the county were covered with water or closed. This included Farm-to-Market roads 36, 118, 2655, and 3211.

KAUFMAN COUNTY --- 4.4 NNW FORNEY [32.81, -96.50], 2.7 ENE MC COY [32.83, -96.09], 0.9 ESE MABANK [32.37, -96.08], 1.1 NE STYX [32.39, -96.41]

01/29/10 11:41 CST	0	Flood (due to Heavy Rain)
01/29/10 14:30 CST	0	Source: Law Enforcement

Several county roads throughout the county were covered with water. County Road 243 was closed east of the city of Kaufman.

A strong to severe line of thunderstorms moved through North Texas during the morning hours of January 28th. All of the severe weather reports were associated with straight-line winds in the 60 to 65 mph range. Some instances of flash flooding and flooding occurred later in the day as light to moderate rain continued to fall on already saturated soils.